

Hendrix, Hans.

**METHODS OF ASCERTAINING CHANGES IN THE
INTERNAL STRUCTURE OF SYNTHETIC FIBERS.**

[1962] 9p. 24 refs.

Order from SLA \$1.10

62-16231

Trans. of Zeitschrift für die Gesamte Textil-Industrie
(West Germany) 1960, v. 62, no. 21, p. 921-924.

Another trans. is available from ATS \$13.90 as
ATS-27N54G [1961] 9p.

DESCRIPTORS: *Synthetic fibers, Microstructure,
Fibers, Chemical analysis.

The article describes a number of processes from which
it may be concluded that changes have taken place in the
internal structure of the fibres. A precise description
of the practical side has purposely been omitted, since
the article purports to deal only with the principle under-
lying the methods in question. (Author)
(Materials--Textiles, TT, v. 8, no. 5))

62-16231

I. Hendrix, H.

C222684

Office of Technical Services

Analytical Studies on Polyester Fibers,
by H. Hendrix. 15 p.
GERMAN, per, Zeitschrift fuer die Gesamte
Textil-Industrie, Vol 66, No 12, 1964,
pp 1026-1030.
SLA TT-66-10557

H. Hendrix

Sci-MNH
Jul 66

306,036

Analytical Studies on Polyester Fibers, by
H. Hendrix.
GEMM, per, Zeitschrift für die Gesamte
Textil-Industrie, Vol 66, 1964, pp 937-42.
SLA 71-66-10404

H. Hendrix

331, 545

Sci - Materials

Jul 67

Hendrix, H.
METHODS OF DETECTING CHANGES IN THE INTERNAL STRUCTURE OF SYNTHETIC FIBERS.
[1961] 9p.
Order from ATS \$13.90 ATS-27N54G

Trans. of Zeitschrift für die Gesamte Textil-Industrie (West Germany) 1960, v. 62, no. 21, p. 921-924.

DESCRIPTORS: *Synthetic fibers, Microstructure, Fibers, Chemical analysis.

(Materials--Textiles, TT, v. 7, no. 2)

61-25648

I. Hendrix, H.
II. ATS-27N54G
III. Associated Technical Services, Inc.,
East Orange, N. J.

153327

Office of Technical Services

Methods for Determining Changes in the Internal
Structure of Synthetic Fibres, by H.Z. Hendrix.
GERMAN, per, Zeits. fur die Gesante Textil-Industrie,
Vol. 62, No. 21, 1960, pp 921-924
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H Z HENDRIX.

Sci -
July 1967

334-406

Hendrix, Hans.
THE EFFECT OF CARRIERS IN THE DYEING OF
POLYESTER FIBERS WITH DISPERSE DYE STUFFS,
PTS. I-III. [1963] 50p. 30 refs.
Order from SLA \$4.60

63-16465

Trans. of Melliand Textilberichte (West Germany)
1961 [v. 42] no. 11, p. 1275-1279; 1962
[v. 43] no. 2, p. 156-164; no. 3, p. 258-265.

DESCRIPTORS: *Dyes, *Surface-active substances,
Polyester plastics, *Fibers (Synthetic), Fibers,
Dyeing.

(Materials--Textiles, TT, v. 10, no. 3)

63-16465

I. Hendrix, H.

1242833

Office of Technical Services

Polyimides Preparing Process, by William Robert
Hendrix. 11 pp.
JAPANESE, Patent, 39-348, 18 Jan 1964.
OTS TT-64-18117

William Robert Hendrix

Sci/Materials
Jun 67

327,707

Growth of Bacteria of Natural Rubber,
by R.J.A. Hendry, 15 pp.
RUSSIAN, per, Mikrobiol, Vol XII, No 2, 1952,
pp 146-154.
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Hendry, R. J. A.

Sci - Biol
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Following Ilich's Request, by Hendrych.

RUSSIAN, np, Pravda, 22 Apr 1962.

FBI Wire

USSR

Pol

16 May 62

Indestructible Friendship for Eternity, by Hendrych.

RUSSIAN, np, Pravda, 9 May 1961.

FBIS wire

USSR

Pol

10 May 61

Leninism Illuminates Our Road of Advance, by
Hendrych.

RUSSIAN, np, Pravda, 30 Apr 1960

FBIS

We Must Work in the Leninist Spirit -- Strictly
Scientifically and with an Ardent Revolutionary
Zest (more excerpts from Hendrych's speech on the
95th anniversary of Lenin's birthday), by
J. Hendrych.

CZECH, per, Zivot Strany, No 6, March 1965.

RFE

Czech Press, No 1641/12 May 1965.

Jul 65

We Shall Not Yield an Inch in Our Fight Against
Bourgeois Ideology, in the Consistent Implementation
of Communist Ideology, by J. Bendrych, 8 pp.

CZECH, per, Svoboda, Vol VII, No 4, 1964.

CIA/FDD X-5418
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Czech Press Survey
No 1478 (118) - 22 May 64

Jul 64
FOR OFFICIAL USE ONLY

Speech by Jiri Hendrych, member of Presidium
of Communist Party of Czechoslovakia, at
session of party Central Committee

Prague, Rude Pravo, 7 April 1963

Czechoslovakia

Daily Report
USSR & East Europe
No 73, 15 Apr 63

(on new farm program)
Speech by Jiri Hendrych, member of Presidium of
Communist Party of Czechoslovakia, at 6 April 63
session of party Central Committee

Prague, Rude Pravo, 7 April 1963

Czechoslovakia

Daily Report
USSR & East Europe
No 74, 16 Apr 63

(DC-6486)

Speech by Jiri Hendrych, XXII ~~XXXX~~
CPSU Congress, 32 pp.

CZECH, np, Rude Pravo, 1961.

JPRS 11685

Jun 62

Text of speech by Jiri Hendrych, member of Czechoslovak Communist Party Presidium and secretary of Central Committee, to Third Writers Congress in Prague on 23 May 63

Prague, Rude Pravo, 24 May 1963

Czechoslovakia

Daily Report
US R & East Europe
No 105, 29 May 63

"The Creative Initiative of the Masses in a Socialist Society," by Jiri Hendrych, member of Presidium of Communist Party of Czechoslovakia and secretary of party Central Committee (on effects of 12th Party Congress)

Moscow, Pravda, 12 March 1963

Czechoslovakia

Daily Report
USSR & East Europe
No 55, 12 20 Mar 63

To Link our Propaganda More Closely with Life, by
Jiri Hendrych, 6 pp

CZECHOSLOVAKIAN, same per, Zivot Strany, No 9, May 58,
pp 483-486

US JPRS/DC-197
CSO DC-50/11

EEur - Czechoslovakia

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Jun 58

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(6-D)

For a Further Development and Greater Efficiency
of Scientific Work, by Jiri Handrych, 11 pp.

CZECH, per, Tvorba, Vol XXIII, No 49, Prague
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UB JPRS L-1465-D

Sci - Misc
Feb 59

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(DC-6)

We Will Complete the Work of Building Socialism, by
Jiri Hendrych, 6 pp. UNCLASSIFIED

CZECH, per, Tvorba, No 18, 1 May 1958, pp 409, 410.

US JPRS/DC-L-825

SR - Czech

Soc

Oct 58

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What Sort of Chimneys for Metallurgical Furnaces?
by O. Hendrych.

CZECH, per, Hutnik, No 8, Prague, 1957,
pp 276-278.

MT 125

Sci - Engr

Dec 60

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What Sort of Chimneys for Metallurgical
Furnaces? Answer to the comment of A.
Hajdich, by O. Hendrych.

CASECH, par, Hutník, Vol VIII, No 6, Prague,
1968, pp 215-.

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Sci - Eng

Dec 68

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THE NETWORK OF INTERMEDIATE SPECIALIZED
SCHOOLS IN THE THIRD FIVE-YEAR PLAN, BY
V. HEDRYCH, 26 PP.

CZECH, PER, VESTNIK MINISTERSTVA SKOLNICTVI A
KULTURY, VOL XVII, NOS 33-34, 31 OCT 1961,
PP 368-373..

JPRS 12698

EEUR - CZECHOSLOVAKIA
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MAR 68

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Study of the Behaviour of Superficial Layers by
X-Ray Measurements of Strain and Determination of
Elastic Constants of 0.43% C Steel, by Handus,
Wagner.

Vol 411
FRENCH, per, Rev Met, Dec 1955, pp 982-994.

Co-op Tr Sch Tr 647

Sci - Min/met
Jan 58

SLF 61-16256
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Molecular Order in Polycaprolactam, by 74
H. Hendus, J. Schmieder.
GERMAN, ppt, Festschrift Karl Wurster
zum 60. Geburtstag, 1960, pp 293-319.
NTC 69-10807-07C

H. Hendus

Sci-Chem
May 69

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Atomic Distribution in the Liquid Elements Pb, Tl, In,
Au, Sn, Ga, Bi, Ge and in Liquid Alloys of the System
Au-Sn, by H. Wendus, 23 pp.

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1947, pp 505-521.

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Sci - Chem
OTS I, 9
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Particle Sizes and Grating Distortion of
Tungsten Powders and Tungsten Carbide Powders,
by H. Hendus, et al. UNCL

GERMAN, per, Z Metallkunde, No 12, Saarbruecken,
1957, pp 615-624.

British Iron and
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Sci - Mla/Hst
Apr 59

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Examinations on Plexiglass, by R. Glockner,
and H. Hndus, 15 pp.

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SLA 3205

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Aug 58

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Method of Preparing Stable Solutions, by H. Henecka,
3 pp.

SWEDISH, Patent No 108,525. I. G. Farbenindustrie
Aktiengesellschaft.

61-13511

Dept of Commerce
Patent Office
Sci Lib

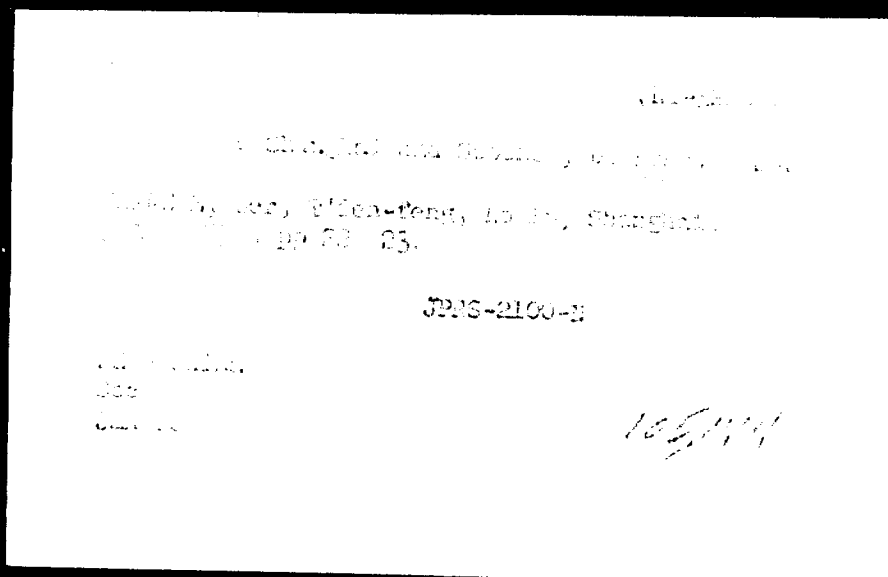
Sci - Chemistry
Sep 60

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Anode Support Structure for an Electrolytic Cell, by Glen F. Henegar, 7 pp.
HENEGAR, patent, 1,346,690, 1963.
TC-240

Glen F. Henegar
336, 197

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(NY-3641)

A Decade of City Construction in Ho-fei, by
Ch'eng Heng, 7 pp.

CHINESE, per, Ch'eng-shih Chien-she, No 9, Peiping,
14 Sep 1959, pp 34-36.

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FE - China

Econ - Industry, Materials

Aug 60

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(X-1000)

The Role of Economic Geography in the People's
Economic Program, by Heng Chi-wei, Lien Hong-yuan,
Yu Hsing-han, 14 pp.

CHINESE, per, Yi-ta Hsueh-pao, Vol XXV, No 1,
1959, Peiping, pp 40-46.

SPRS 3621

FE - China
Econ - Geography
Aug 60

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An Analysis of the Properties of Thickeners and Printing Pastes (Communication No 3.), by ~~Hsing~~ Men Heng,
F. I. Sadv, 8 pp. *Hsing*

RUSSIAN, per, Iz VUZ, Tekh Tekstil'noy Prom, No 6
(19), 1960.

Textile Institute

Oct 62

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Sci

Quantitative Analysis of the Cryotrapping Effect
of Argon on Hydrogen at 4.2°K, by

J. Mengevoss, E. A. Trendelenburg.

GERMAN, per, Zeitschrift für Naturforschung,
Vol 18a, 1963, p 588.

*NASA TT F-11,377

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Sci-Crow

Jan 68

on the polymer of TPA Anhydride, by F. A. Henglein,
H. A. Tarrach.
CHEM. Ber., Kunststoffe-Plastics, Vol 6, No 1, 87
1958, p. 5-8.
JNC 59-11461-111

F. A. HENGLEIN

Sci-ent
July 69

387,143

Care-Pump Tests Using Rotating Pump Motors
Various Conditions in the 10 to 100 PPM Range, Part I
by J. B. Bingham, R. A. Bingham
CHINESE, 1960, 2 pp. 241-242, 243-244.
1960, pp. 241-242.
NASA TT P-2420

Sci-Phys

Dec 64

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249,975

Henglein, A., Uri, H., and Hoffmeister, W.
 THE REACTION OF SULFUR DIOXIDE WITH HYDRO-
 CARBONS INDUCED BY Co-60 GAMMA RADIATION
 AND 2 MeV ELECTRONS (Die Reaktion des Schwefel-
 dioxyds mit Kohlenwasserstoffen unter Einfluss von
 Co-60 Gamma-Strahlen und 2 MeV-Elektronen). [1961]
 [15]p. 13 refs.
 Order from SLA m\$2.40, ph\$3.30

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Trans. of Zeitschrift für Physikalische Chemie
 [Frankfurt] (West Germany) 1958 [Neue folge] v. 18
 [no. 1/2] p. 26-42.

61-10801

1. Sulfur dioxide--Chemical reactions
 2. Hydrocarbons--Chemical reactions
 3. Gamma radiation--ionizing effects
 4. Cobalt isotopes (Radioactive)--ionizing effects
- I. Henglein, A.
 - II. Uri, H.
 - III. Hoffmeister, W.

Office of Technical Services

(Chemistry--Physical, IT, v. 5, no. 11)

The Formation of Graft Polymers from Poly-
acrylamide and Acrylonitrile under the Influence
of Ultrasonic Waves, by A. Henglein, 15 pp.

GERMAN, per, Makromolekulare Chemie, Vol XIV,
1954, pp 128-145.

ATB 811281

Sci-Phys

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OTS I, 10

89,711

Henglein, Ernst

HIGH TEMPERATURE MODIFICATIONS OF LITHIUM
ALUMINUM SILICATES. 23 Nov 56, 5p. (4 figs.
omitted) 5 refs.
Order from SLA \$1.10

61-20719

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an unidentified source, July 56.

DESCRIPTORS: *Lithium compounds, *Aluminum
compounds, *Silicates, Heat treatment, Physical
properties, Crystal structure, Temperature.

(Materials--Ceramics, TT, v. 7, no. 4)

61-20719

I. Henglein, E.

191137

Office of Technical Services

Henglein, F. A. and others.

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SILYLESTERS, [1962] 15p.

Order from K-H \$18.75

K-H 6360

Trans. of Makromolekulare Chemie (Switzerland)
1955, v. 15, p. 177-187.

DESCRIPTORS: *Polymers, *Boron compounds, Meth-
ylal, *Boric acids, *Silicon compounds, Esters.

(Chemistry--Organic, TT, v. 9, no. 11)

63-12960

I. Henglein, F. A.

II. K-H-6360

III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Henglein, P. A.
MACROMOLECULES IN THE BUILDING STONES OF
TECHNOLOGY AND NATURE. [1963] [11p] [2refs]
Order from SLA \$1.60 TT-64-14174

Trans. of Makromol[ekulare] Chem[ie] (Switzerland)
1951, v. 6, p. 71-77. (Abstract available)

DESCRIPTORS: *Synthetic stones, *Sandstone, *Lime-
stone, Synthesis (Chemistry), Sodium compounds,
Hydroxides, *Polymers, *Silicates, *Pectins.

New investigations are reported on the preparation of
artificial stones such as artificial lime-sand-stones by
the use of sodium hydroxide in hydrothermal curing.
The results of the investigations are related to our
present understanding of the make-up of protopectin,
the building stone of plants; The artificial sandstones
described are "supermolecules", consisting of cross
linked SiO_2 -grains (macromolecules), linked to their
(Chemistry, TT, v. 11, no. 7) (over)

TT-64-14174

I. Henglein, P. A.

1 1 6 0 1 1

Office of Technical Services

Henglein, F. A. and Schmulder, P.
POLYACETALS OF THE FORMALDEHYDES WITH
METHYLHYDROXYSILANES. [1962] 31p.
Order from K-H \$38.75 K-H 6360

Trans. of Makromolekulare Chem[ie] (Switzerland)
1954, v. 13 [no. 1] p. 53-70.

DESCRIPTORS: *Polymers, *Acetals, *Formaldehyde,
Methyl radicals, Hydroxides, Silanes, Acetal plastics.

(Chemistry--Organic, TT, v. 9, no. 11)

63-12961

- I. Henglein, F. A.
- II. Schmulder, P.
- III. K-H-6360
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Preparation and Properties of Monomeric,
Polymeric and Cyclic Methylsilyldiamines,
by Friedrich August Henglein,
Klaus Lionhard.
GERMAN, per, Makromolekulare Chemie, VolXXXII
1959, pp 218-225. 9696497
DLC RSIC 372

Friedrich August Henglein

Sci-Chem
Nov 65

292,868

Automatic Control of Distillation Columns,
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Vol XXXI, No 7, 1959, pp 425-431.

CSIRO

Sci - Engr
Aug 62

207, 419

Direction of Radioactive Carbon by the Scintillation Method, by W. Hanle, K. Hengst and H. Schneider
5 pp.

GERMAN, per, Z. Naturforsch, Vol VIIb, 1952, pp
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Sci

Aug 58

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Hengstenberg, J.; Schuch, E.
ASSOCIATION OF PVC IN SOLUTION. 11p (figs omitted)
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Order from SLA: \$1.60 as TT-65-13865

Trans. of Makromolekulare Chemie (Switzerland) v74
p56-70 1964.
Another trans. is available from TC \$15.00 as TC-543, 15p.

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Turbidity Titration Methods for the Determination
of Polydispersity, by J. Hengstenberg, 28pp
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Vol 60, 1956, No 3, pp 236-245
SLA TT-6-14981

J. Hengstenberg

Sci - Mat
June 67

327,490

investigation of the reasons for the
occurrence of hot shortness in Low-Alloy
General Construction Steels, by H. Gehl;
in: Metallurgie
Darmstadt, Arch. Abhandl., 1964, 15,
pp. 1123-1131.
*01.1 4101

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p. 25

CONSIDERS TO FORMATION OF THE VARIOUS TYPES OF
MILITARY EDUCATION, by A. Loh, M. Gensberg.
The 1st, 2nd, 3rd and 4th, Vol 1, 2, 3, 4,
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A. Gensberg

1941-1942
1943-1944

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A New Method for the Determination of Regions of
Maximum Tensile Stress Concentration in Structural
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GERMAN, per, Archiv fuer Eisenhuettenwesen,
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BISI 3232

Sci - Engr
May 63

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Investigations into the reasons for the
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A. H. Hengstenberg,
Metall. Trans. A, vol. 10,
1979, pp. 1115-1131.
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A Radiographic Study of Ageing in the Duraluminums,
by J. Hengstenberg.

GERMAN, per, Z. Metallkde, Vol 23, 1931, pp 114-117.

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Influence of Melting Process and Variations in Analysis
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E. Houdremont.

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No 5, 1935, pp 189-195.

Butcher Trans No 244

Sci Scientific - Minerals/Metals

Sep 53 CTS

\$3.80 price

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WAGNER, J. C.
1917, 18.

Archiv: Biokulturreisen, vol. 7, 24 figures, 1 table, 230 words; 1932.

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Brutcher, Trans. Order No. 145, \$3.30 A 425

Hengstenberg, Otto, Knehans, Karl, and Berndt, Norbert.

A STUDY OF THE DURABILITY OF STEELWORKS INGOT MOULDS. Rept. no. 383 of the Stahlwerksausschuss [Steelworks Committee] of the Verein Deutscher Eisenhüttenleute. [May 46] 22p. (2 figs. omitted) 10 refs.
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Trans. of Stahl und Eisen (Germany) 1941, v. 61 [no. 20] p. 489-498.

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1. Steel industry--Equipment
2. Castings--Life expectancy
- I. Hengstenberg, O.
- II. Knehans, K.
- III. Berndt, N.
- IV. Title: Verein...

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THE DEVELOPMENT OF THE MEKOROT COMPANY, BY
SHIMON HENIGMAN, 6 PP.

HEBREW, NP, AL HAMISHMAR, 17 OCT 1962, P 3.

JPRS 16700

ME - ISRAEL

ECON

JAN 63

218,506

General Survey of the Problem of the
Synthesis of Phyllite Minerals at Low
Temperature, by S. Caillera, M. Henin.
FRENCH, rpt Genese et Synthese des Argiles.
Colloques Internationaux du Centre National
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No. 105, 1961, pp 31-43
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M. HENIN

Sci -
Aug 67

337-552

Aspect of the Dynamics of Organic Matter in
Soils, by S. Henin.

FRENCH, per, Academie des Sciences. Comptes
Rendus. Paris 248, Vol. 248, 1959, pp 138-141,
CSIRO/No.6925

S. HENIN

Sci -
Aug 67

335-445

Henin, S.
THE STRUCTURE OF SOILS. 30p 82refs.
Order from SLA \$2.60 TT-60-16726

Trans. from mono. International Society of Soil
Sci[ence] (no. 1) [Rome]. Trans[actions] 1938, v. A.

(Agriculture, TT, v. 12, no. 7)

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Sci[ence] (1933) [Henin], Trans[actions] 1933, v. A.

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Study of the Forms of Organic Matter in Soils-
Application to the Natural Medium and to Control
of Experimental Results, by S. Hanin, L. Targ.

GERMAN, per, Z. Pflanzenerdhr Dung u Bodenk, Vol
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Aspect of the Dynamics of Organic Matter of Soils, by
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FRENCH, per, Academie des Sciences, Comptes Rendus.
Paris, Vol 248, pp 138-141, 1959.
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Sci -
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Causes of the Magnetic Properties of Certain
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Translated at North Carolina State College

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ELECTRONICS INDUSTRY NEEDS ENCOURAGEMENT, BY
SH. HENIGMAN, 4 PP.

HEBREW, NP, AL HAMISHMAR, VOL XX, NO 5810,
15 AUG 1962, PP 4, 5.

JPRS 15519

MIDDLE EAST - ISRAEL
ECON
OCT 62

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On the Epidemiology of ECHO Viruses, by
W. Henigst.

GERMAN, per, Dtsch Med Wochr, Vol LXXXIV, No 22,
1959, pp 1022-1023.

HRH 9-22-62

Sci - Med

Dec 62

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Henk, B.

WHITE CONCRETE KERBS AND MARGINAL STRIPS,
tr. by C. V. Amerongen. [1963] [24p] 21 refs
C&CA Library Trans. no. 104.
Order from Cement and Concrete Association,
52 Grosvenor Gardens, London, SW1 £1

Trans. of Strassen- und Tiefbau (West Germany) 1960,
v. 14, no. 9, p. 674, 676, 678, 680, 682, 684, 686,
688, 690, 692-693.

DESCRIPTORS: *Concrete, *Pavements, Wear
resistance *Roads, Construction, Traffic, Safety.

(Engineering--Civil, TT, v. 10, no. 11)

63-22757

- I. Henk, B.
- II. CACA Lib Trans-104
- III. Cement and Concrete
Association (Gt. Brit.)

Office of Technical Services

Structural Stresses in Concrete, by B. Henk, UNCL

GERMAN, per, Zement-Kalk-Gips, Vol IX, No 3,
1956, pp 111-120.

DSIR/33084/CT

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Econ; Sci - Engr
Feb 59

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Ice Blasting along Coast and Blasting Tests with
Thermite, by Henke.

GERMAN, Zeitschrift Fur Das Gesamte Schiess
Und Sprengstoffwesen, February 1930 p 62-63,
vol 25

USA Corps of Engr, Waterways Exper Stat Tr 49-1

Sci K - Engineering, hydraulics, naval
Econ - Transportation, river water

A-4056

Motor Waggon With Town Gas as Propellant, by A. Henke.

GERMAN, Paper Presented Before the German Gas Institute, Munich 1937.

GFC

A. HENKE

Sci -

July 1967

334-582

General Discussion of "Deoxidation of Steel With
Technical Calcium-Silicon-Aluminum Alloys, by
G. Henke, et al.

GERMAN, per, Stahl und Eisen, Vol LXXXII, No 4,
1962, pp 203-206.

HD 5540

Sci

The Determination of Radioisotopes in Urine, by
K. P. Schulte, G. Henke, 20 pp.

GERMAN, per, Deutsche Apotheker Zeitung, Vol C,
1960, pp 700-706.

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Sci - Med
Feb 62

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New Technical Possibilities of Electric Welding, by
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